

From the INTERNATIONAL BUREAU

**PCT****NOTIFICATION CONCERNING  
TRANSMITTAL OF COPY OF INTERNATIONAL  
PRELIMINARY REPORT ON PATENTABILITY  
(CHAPTER I OF THE PATENT COOPERATION  
TREATY)**

(PCT Rule 44bis.1(c))

To:

**SHANGHAI PATENT & TRADEMARK LAW OFFICE**  
435 Guiping Road  
Shanghai 200233  
CHINEDate of mailing (*day/month/year*)  
12 July 2007 (12.07.2007)Applicant's or agent's file reference  
049762 PC**IMPORTANT NOTICE**International application No.  
PCT/CN2004/001586International filing date (*day/month/year*)  
31 December 2004 (31.12.2004)Priority date (*day/month/year*)

Applicant

INTEL CORPORATION et al

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Nora Lindner

Facsimile No. +41 22 338 82 70

e-mail: pt02.pct@wipo.int

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference <b>049762 PC</b>	<b>FOR FURTHER ACTION</b>	See item 4 below
International application No. <b>PCT/CN2004/001586</b>	International filing date ( <i>day/month/year</i> ) <b>31 December 2004 (31.12.2004)</b>	Priority date ( <i>day/month/year</i> )
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant <b>INTEL CORPORATION</b>		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- |                                     |              |   |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I    | Basis of the report   |
| <input type="checkbox"/>            | Box No. II   | Priority  |
| <input checked="" type="checkbox"/> | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention  |
| <input checked="" type="checkbox"/> | Box No. V    | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited   |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application  |
| <input type="checkbox"/>            | Box No. VIII | Certain observations on the international application   |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 338 82 70	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Date of issuance of this report <b>03 July 2007 (03.07.2007)</b></td> </tr> <tr> <td style="padding: 5px;">Authorized officer  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Nora Lindner</div></td> </tr> <tr> <td style="padding: 5px;">e-mail: <a href="mailto:pt02.pct@wipo.int">pt02.pct@wipo.int</a></td> </tr> </table>	Date of issuance of this report <b>03 July 2007 (03.07.2007)</b>	Authorized officer  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Nora Lindner</div>	e-mail: <a href="mailto:pt02.pct@wipo.int">pt02.pct@wipo.int</a>
Date of issuance of this report <b>03 July 2007 (03.07.2007)</b>				
Authorized officer  <div style="text-align: center; font-weight: bold; font-size: 1.2em;">Nora Lindner</div>				
e-mail: <a href="mailto:pt02.pct@wipo.int">pt02.pct@wipo.int</a>				

# PATENT COOPERATION TREATY

REC'D 28 OCT 2005

WIPO

PCT

From the  
INTERNATIONAL SEARCHING AUTHORITY

## PCT

To:

200233

435 Guiping Road, Shanghai, P.R. China  
SHANGHAI PATENT & TRADEMARK AGENCY

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 bis.1)

Date of mailing

(day/month/year) 20 OCT 2005 (20 · 10 · 2005)

Applicant's or agent's file reference

049762PC

### FOR FURTHER ACTION

see paragraph 2 below

International application No.

PCT/CN2004/001586

International filing date (day/month/year)

31.Dec 2004 (31.12.2004)

Priority date (day/month/year)

International Patent Classification (IPC) or both national classification and IPC

IPC7:G06F11/00

Applicant

INTEL CORPORATION et al

### 1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

### 3. For further details, see notes to Form PCT/ISA/220.

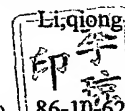
Name and mailing address of the ISA/CN

The State Intellectual Property Office, the  
P.R. China 6 Xitucheng Rd., Jimen Bridge,  
Haidian District, Beijing, China 100088  
Facsimile No. 86-10-62019451

Date of completion of this opinion

21.Sep 2005(21.09.2005)

Authorized officer



Telephone No. 86-10-62084932

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/CN2004/001586

Box No. I Basis of the opinion

1. With regard to the language, this opinion has been established on the basis of:
  - ☒ the international application in the language in which it was filed
  - ☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of :
  - a. type of material
    - ☐ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material
    - ☐ on paper
    - ☐ in electronic form
  - c. time of filing/furnishing
    - ☐ contained in the international application as filed
    - ☐ filed together with the international application in electronic form
    - ☐ furnished subsequently to this Authority for the purposes of search
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/CN2004/001586

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

This questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application

☐ claims Nos. \_\_\_\_\_

because:

☒ the said international application, or the said claims Nos. 15-19

relate to the following subject matter which does not require an international preliminary examination (*specify*):  
mere presentations of information

☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. \_\_\_\_\_  
are so unclear that no meaningful opinion could be formed (*specify*):

☐ the claims, or said claims Nos. \_\_\_\_\_ are so inadequately supported  
by the description that no meaningful opinion could be formed (*specify*):

☐ no international search report has been established for said claims Nos. \_\_\_\_\_

☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.

☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.

☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13ter.1(a) or (b).

☐ a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.

☐ the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.

☐ See Supplemental Box for further details.

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/CN2004/001586

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement:**

Novelty (N)	Claims 1-14,20-25	YES
	Claims	NO
Inventive step (IS)	Claims 1-14,20-25	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-14,20-25	YES
	Claims	NO

**2. Citations and explanations**

The invention relates to a method and system to remotely log debug information, comprising:executing a program code on a first computer system;generating debug information upon the occurrence of an error during execution of the program code;and transmitting the debug information to a second computer system via network.

D1,D2,D3,D4 are considered to be the closest prior art:

D1: JP2000-215080A

D2: CN1383070A

D3: WO0007100A1

D4: US6101607A

D1 discloses a terminal equipment,which in response to symbol transformation demand, transmits debug information, comprising :connection is recognized when a request signal is send to establish connection between circuit and relay apparatus. A desired system is designated and informed to the relay apparatus which ccesses debug information on designated system connected via virtual server. A symbol transformation demand is output for debugging the program and in response to the demand, debug information is transmitted;

D2 discloses an information processing apparatus. An authentication unit controls a monitor unit to output the monitored execution status of the program, corresponding to a debug information received from a debug communication unit. The debug communication unit transmits monitored information from monitored unit to the debugging;

D3 discloses a remote debugging method. Client program trace control information is transmitted to the client site where the client program is executed along with another code module. The code module traces the execution of client program, based on the trace control information generates a trace log in decrypted form. The trace log is then transmitted to the developer site to debug the client program;

D4 discloses a program function access limiting method. The administrator sets authorization for each registered program functions which are accessible to user via user interface. The application program interface function call is located in application program code, which is executed only if the user has authorization for accessing that program function.

It is obvious that not all the technical features in claims 1-14,20-25 are disclosed by D1,D2,D3 or D4, and further the technical solutions claimed are not obvious to a person skilled on the basis of D1,D2,D3,D4 or their combination. Thus, claims 1-14,20-25 have novelty under PCT Article 33(2), and have inventive step under PCT Article 33(3) ;

Claims 1-14,20-25 have industrial applicability under PCT Article 33(4), because remote logging mechanism claimed can be made or used in the industry.